# ranslation

## PATENT COOPERATION TREATY



# **PCT**

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

pplicant's or agent's file reference HOY-1503PCT	FOR FURTHER ACTION	See Form PCT/IPEA/416			
nternational application No. PCT/JP2003/016472	International filing date (day/month/ye 22 December 2003 (22.12.20	Priority date (day/month/year)  14 January 2003 (14.01.2003)			
nternational Patent Classification (IPC) or a B29C 39/26 //B29L 11:00	national classification and IPC				
Applicant	HOYA CORPORATION				
This report is the international prel Authority under Article 35 and trans	liminary examination report, established nsmitted to the applicant according to A	by this International Preliminary Examining rticle 36.			
2. This REPORT consists of a total of	of 3 sheets, including this	cover sheet.			
3. This report is also accompanied by	y ANNEXES, comprising:				
a. (sent to the applicant a	nd to the International Bureau) a total o	f 3 sheets, as follows:			
and/or sheets c	ontaining rectifications authorized by the	h have been amended and are the basis of this report is Authority (see Rule 70.16 and Section 607 of the			
sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.  b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)), containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).					
Box No. I Basis of the	ne report				
Box No. II Priority		1 1			
Box No. III Non-estab	olishment of opinion with regard to nove	lty, inventive step and industrial applicability			
Box No. IV Lack of u	nity of invention				
Box No. V  Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicabilic citations and explanations supporting such statement					
	locuments cited				
Box No. VII Certain defects in the international application					
Box No. VIII Certain observations on the international application					
Date of submission of the demand	Date of c	ompletion of this report			
18 June 2004 (18	.06.2004)	01 March 2005 (01.03.2005)			
Name and mailing address of the IPE		ed officer			



# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

### PCT/JP2003/016472

With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.  This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of international search (under Rules 12.3 and 23.1(b))  publication of the international application (under Rules 53.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report:  The international application as originally filed/furnished  the description:  pages  received by this Authority on pages*  received by this Authority on pages*  1.14  received by this Authority on pages*  1.14  received by this Authority on pages*  1.18  as originally filed/furnished received by this Authority on pages*  received by this Authority on pages  received by this Authority on pages*  the claims, Nos.  the description, pages  the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  sny table(s) related to sequence listing (specify):  sny table(s) related to sequenc	With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this term.  This report is based on translations from the original language into the following language which is language of a translation furnished for the purpose of:  international search (under Rules 12.3 and 23.1(b))  publication of the international application (under Rule 12.4)  international preliminary examination (under Rule 12.4)  international preliminary examination (under Rule 12.4)  international preliminary examination (under Rule 12.4)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):  The international application as originally filed/furnished the description:  pages	x No. I	Basis	of the report			
This report is based on translations from the original language in which is language of translation furnished for the purpose of the purpose	This report is based on translations from the original language into the following language of a translation furnished for the purpose of the description pages and or purpose of the pages and or purpose or pag	With rega	rd to the	language, this report is based on the international application in the language			
international search (under Rules 12.3 and 23.1(o)) publication of the international application (under Rule 12.4) international preliminary examination (under Rules 55.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not amexed to this report;  The international application as originally filed/furnished the description:  pages	international search (under Rules 12.3 and 23.1(b))			the translations from the original language into the following la	nguage,		
publication of the international application (under Rules 12.4)  international preliminary examination (under Rules 55.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):  The international application as originally filed/furnished the description:  pages  1-25  pages*  received by this Authority on  pages*  pages*  pages*  pages*  pages*  received by this Authority on  received by this Authority on  pages*  pages*  pages*  pages*  1, 14  received by this Authority on  received by this Authority on  pages*  pages*  received by this Authority on  received by this Authority on  pages*  received by this Authority on  the description, pages  the claims, Nos.  the drawings, sheets/figs  the claims, Nos.  the drawings, sheets/figs  the claims, Nos.  the drawings, sheets/figs  the claims, Nos.  the drawings, sh	publication of the international application (under Rule 12.4) international preliminary examination (under Rules 55.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annocated to this report:  The international application as originally filed/furnished by the description:  Description:	٦	11011 15 12	national search (under Rules 12.3 and 23.1(b))			
international preliminary examination (under Rules 55.2 and/or 55.3)  With regard to the elements of the international application, this report is based on (replacement sheets which have been firmished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not amnezed to this report):  The international application as originally filed/furnished the description:  pages	With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):  The international application as originally filed/furnished the description:  pages	publication of the international application (under Rule 12.4)					
With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not amenced to this report):  The international application as originally filed/furnished the description:  pages  1-25  pages*  received by this Authority on pages*  pages*  pages*  pages*  1, 14  received by this Authority on pages*  pages*  1, 14  received by this Authority on received by this Authority on 26 November 2004 (26.11.2004)  the drawings: pages*  received by this Authority on received by this Authority on  As originally filed/furnished received by this Authority on received by this Authority on  a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of: the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): the description, pages the claims, Nos. the description, pages the claims, Nos. the description, pages the description, pages the claims, Nos. the description, pages the claims, Nos. the description, pages the description, pages the claims, Nos. the description, pages and the description and the sequence	With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report:  The international application as originally filed/furnished to the description:  pages  1-25  pages*  received by this Authority on  pages*  pages*  pages*  1, 14  received by this Authority on  26 November 2004 (26.11.2004)  the drawings:  pages*  received by this Authority on  27 Authority on  28 November 2004 (26.11.2004)  The armendments have resulted in the cancellation of:  the drawings, sheets/figs  the claims, Nos.  the drawings, sheets/figs  the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages  the claims, Nos.  the drawings, sheets/figs  the description, pages  the claims, Nos.  the drawings, sheets/figs  the description, pages  the claims, Nos.  the drawings, sheets/figs  the sequence listing (specify):  any table(e) related to sequence listing (specify):						
furnished to the receiving Office in response and are not annexed to this report;  The international application as originally filed/furnished the description:  pages	furnished to the receiving Cytice in Exposure of the description:  and are not amended to this report):  The international application as originally filed/furnished the description:  pages	L	_ inter	liational profitmacy of the control			
the description:  pages* pages	the description:  pages	furnished	d to the not anno	receiving Office in response to an invitation of the control of th	eplacement sheets which have been to in this report as "originally filed"		
pages* received by this Authority on received by this Authority on pages pages*	pages* received by this Authority on received by this Authority on pages*  the claims:  pages	=					
pages* received by this Authority on received by this Authority on pages pages*	pages* received by this Authority on received by this Authority on pages*  the claims:  pages	<b>≥</b> th	ie descri	otion:	as originally filed/furnished		
pages* the claims: pages	the claims:  pages	-	_	received by this Authority on			
the claims:  pages	be claims:  pages	-					
pages pages*	pages	p	ages* _				
pages*	pages*	⊠ tl	he claim		as originally filed/furnished		
pages*   1,14   received by this Authority on pages*   1,14   received by this Authority on received by this Authority on   26 November 2004 (26.11.2004)	pages*	<u></u>	oages	2-13			
pages* received by this Authority on  the drawings:	pages* received by this Authority on  the drawings:		_		1 0004 (06 11 2004)		
the drawings:  pages	the drawings:     pages*	I	pages*	1, 17			
pages* received by this Authority on received by this Authority on a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:    the description, pages   the claims, Nos.   the drawings, sheets/figs   the sequence listing (specify):   any table(s) related to sequence listing (specify):    4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).    the description, pages   the claims, Nos.   the drawings, sheets/figs   the sequence listing (specify):   any table(s) related to sequence listing (specify):   any	pages* pages pages* pages pages* pages* pages pag		_	received by this Additionty on			
pages* received by this Authority on received by this Authority on a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):  any table(s) related to sequence listing (specify):	pages* pages pages* pages	$\square$	tha draw	ings'	· · _11 £1d/firmiche		
pages*	pages* received by this Authority on received by this Authority on a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:  the description, pages the claims, Nos the drawings, sheets/figs the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)) the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): the sequence listing (specify):			1-18			
a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:  the description, pages	a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  3. The amendments have resulted in the cancellation of:    the description, pages   the claims, Nos.   the drawings, sheets/figs   the sequence listing (specify):   any table(s) related to sequence listing (specify):   any table(s) related to sequence to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).   the description, pages   the claims, Nos.   the drawings, sheets/figs   the sequence listing (specify):   any table(s) related to sequence lis						
a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages the claims, Nos. the drawings, sheets/figs any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):	a sequence listing and/or any related table(s) — see Supplemental Box Relating to Sequence Listing.  The amendments have resulted in the cancellation of:  the description, pages			received by this Authority on			
the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):	the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)) the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):				<b></b>		
the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)) the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):	the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)) the description, pages the drawings, sheets/figs the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify): the sequence listing (specify):						
the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):	the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):   4. This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): the sequence listing (specify):	1	=				
the sequence listing (specify):  any table(s) related to sequence listing (specify):  any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages  the claims, Nos.  the drawings, sheets/figs  the sequence listing (specify):  any table(s) related to sequence listing (specify):	the sequence listing (specify): any table(s) related to sequence listing (specify):  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)). the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify): any table(s) related to sequence listing (specify):						
any table(s) related to sequence listing (specify):	any table(s) related to sequence listing (specify):	1	님'	ne drawnigs, successing			
This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages the claims, Nos. the drawings, sheets/figs the sequence listing (specify): any table(s) related to sequence listing (specify):	This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).  the description, pages		<u>닏</u> '	he sequence listing (specify).			
made, since they have been considered to go beyond the discrete.  (Rule 70.2(c)).  the description, pages the claims, Nos.  the drawings, sheets/figs the sequence listing (specify):  any table(s) related to sequence listing (specify):	made, since they have been considered to go beyond the discrete.  (Rule 70.2(c)).  the description, pages  the claims, Nos.  the drawings, sheets/figs  the sequence listing (specify):  any table(s) related to sequence listing (specify):  # If item 4 applies, some or all of those sheets may be marked "superseded."	1		any table(s) related to sequence listing (specify).			
* If item 4 applies, some or all of those sheets may be marked "superseded."		4.	made,	since they have been considered to go beyond the discrete to go beyond the go beyond the discrete to go beyond the	s report and listed below had not been as indicated in the Supplemental Box		
* If item 4 applies, some or all of those sheets may be marked "superseded."		1					
		* If i	item 4 aı	plies, some or all of those sheets may be marked "superseded."			



International application No. PCT/JP 03/16472

7.	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability citations and explanations supporting such statement
	citations and explanations supporting such successions

. Statement			
Novelty (N)	Claims	1-14	YES
11010109 (21)	Claims		NO NO
(70)	Claims	1-14	YES
Inventive step (IS)	Claims		NO
	Ciumb	1-14	
Industrial applicability (IA)	Claims	7-14	YES
	Claims		NO

#### 2. Citations and explanations

Document 1: JP 5-64816 A (Seiko Epson Corp.), 19 March 1993, paragraphs [0022] and [0023], fig. 8

Document 2: JP 7-137158 A (Kazuo Nozawa), 30 May 1995,

fig. 1

The inventions set forth in claims 1 to 14 involve an inventive step relative to the documents cited in the international search report. A device for assembling a plastic lens-forming mold, said device having a gasket pincer-gripping mechanism for pincer-gripping the end surfaces of a casting gasket from either side in the axial direction, and having first and second mold press-fitting mechanisms, is not disclosed in any of the documents cited in the international search report, nor would it be obvious to a person skilled in the art.